

## Checkpoint Quiz 1

Lessons 6-1 through 6-4

Find each product or quotient.

1.  $\frac{5}{12}$  of 36

2.  $5\frac{1}{4} \times 4\frac{1}{2}$

3.  $24 \div \frac{3}{8}$

4.  $1\frac{1}{9} \div 6\frac{2}{3}$

5.  $\frac{2}{7} \cdot 5\frac{1}{3}$

6.  $2\frac{2}{5} \div 4$

7.  $8\frac{1}{6} \times 2$

8.  $7\frac{4}{9} \div 3\frac{1}{3}$

9.  $5\frac{2}{3} \div \frac{1}{6}$

10.  $\frac{3}{5} \cdot 7\frac{1}{2}$

11.  $3\frac{3}{10} \div 1\frac{1}{2}$

12.  $5\frac{1}{6} \times 3$

13. How tall is a tree that is 9 times as tall as a  $4\frac{1}{3}$ -foot sapling?
14. How many  $\frac{1}{2}$ -inch-thick cookies can you slice from 1 foot of cookie dough? You may find a diagram helpful.
15. You must cover a wall  $72\frac{3}{8}$  inches wide with wood panels. If each panel is  $5\frac{5}{8}$  inches wide, about how many panels will you need?

## MATH GAMES

### Estimate That Product!

#### What You'll Need

- 20 cards or paper slips, each with a fraction or mixed number written on it
- fraction calculator (optional)

#### How To Play

- Three students are needed to play. One student acts as the judge. Two students are the players.
- The judge shuffles the cards and then turns over two cards.
- Players have 10 seconds to write an estimate for the product.
- The judge finds the product. The judge also computes the difference between each estimate and the actual product.
- The player with the estimate closer to the actual product earns one point. If there is a tie, each player gets one point.
- The first player to earn five points wins.

